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(54) Title: CARBOHYDRATE-BINDING MODULES OF A NEW FAMILY

(57) Abstract: The present invention relates to non-catalytic carbohydrate-binding modules (CBM) belonging to a new family of CBM's. A CBM of the invention was found attached to a glycosyl hydrolase family 61 (GH61) polypeptide and was shown to have little homology with known CBM's indicating that it is the first known member of a new family of CBM's. The present invention further relates to CBM's preferably exhibiting binding affinity for cellulose; to a method of producing such CBM's; and to methods for using such CBM's in the textile, detergent and cellulose fiber processing in-dustries, for purification of polypeptides, immobilisation of active enzymes, baking, manufacturing of biofuel, modification of plant cell walls.

